



PATENT APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Sauer EXAMINER: Good-Johnson, Motilewa  
SERIAL NO.: 09/818,388 GROUP ART UNIT: 2672  
FILED: March 27, 2001 DOCKET: 2001P05445US

**FOR: AUGMENTED REALITY GUIDED INSTRUMENT POSITIONING WITH  
MODULATED GUIDING GRAPHICS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

MAY 06 2004

Technology Center 2600

**AMENDMENT UNDER 37 U.S.C. §1.111**

Examiner:

This reply is in response to the Office Action dated January 3, 2003. Please consider the following amendment and remarks.

**Amendments to the claims begin on page 2.**

**Remarks begin on page 8.**

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 30, 2004.

Dated: April 30, 2004

Michele L. Conover  
Michele L. Conover, Reg. No. 34,962

01/10/2005 HGORDON 00000001 192179 09818388  
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**PATENT APPLICATION FEE DETERMINATION RECORD**

Substitute for Form PTO-875

Application or Docket Number  
**09818388****CLAIMS AS FILED - PART I**

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

| FOR   | NUMBER FILED | NUMBER EXTRA |
|---|--------------|--------------|
| BASIC FEE<br>(37 CFR 1.16(a))                     |              |              |
| TOTAL CLAIMS<br>(37 CFR 1.16(c))                  | minus 20 =   | *            |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(b))            | minus 3 =    | *            |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) |              |              |

| RATE         | FEE      |
|--------------|----------|
|              | \$ _____ |
| x \$ _____ = |          |
| x \$ _____ = |          |
| + \$ _____ = |          |
| TOTAL        |          |

OR

OR

OR

OR

OR

OR

| RATE         | FEE      |
|--------------|----------|
|              | \$ _____ |
| x \$ _____ = |          |
| x \$ _____ = |          |
| + \$ _____ = |          |
| TOTAL        |          |

\* If the difference in column 1 is less than zero, enter "0" in column 2.

**6/3/04 CLAIMS AS AMENDED - PART II**

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

| AMENDMENT A   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | 27                               | 25                                 | 2             |
| Independent<br>(37 CFR 1.16(b))                                 | 3                                | 3                                  |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |                                    |               |

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| x \$ _____ =    |                |
| x \$ _____ =    |                |
| + \$ _____ =    |                |
| TOTAL ADD'L FEE |                |

OR

OR

OR

OR

OR

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| x \$ 18         | 36             |
| x \$ _____ =    |                |
| + \$ _____ =    |                |
| TOTAL ADD'L FEE | 36             |

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT B   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | *                                | **                                 | =             |
| Independent<br>(37 CFR 1.16(b))                                 | *                                | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |                                    |               |

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| x \$ _____ =    |                |
| x \$ _____ =    |                |
| + \$ _____ =    |                |
| TOTAL ADD'L FEE |                |

OR

OR

OR

OR

OR

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| x \$ _____ =    |                |
| x \$ _____ =    |                |
| + \$ _____ =    |                |
| TOTAL ADD'L FEE |                |

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT C   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| Total<br>(37 CFR 1.16(c))                                       | *                                | **                                 | =             |
| Independent<br>(37 CFR 1.16(b))                                 | *                                | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |                                    |               |

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| x \$ _____ =    |                |
| x \$ _____ =    |                |
| + \$ _____ =    |                |
| TOTAL ADD'L FEE |                |

OR

OR

OR

OR

OR

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| x \$ _____ =    |                |
| x \$ _____ =    |                |
| + \$ _____ =    |                |
| TOTAL ADD'L FEE |                |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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